

Claims

Claimed is:

1. A combination of a towing vehicle mounting and a vehicle connection
5 member: comprising a generally ²⁴rectangular channel for telescopically engaging a
complementary ^{receiver}rectangular member, whereby said members may be removably
secured together by a locking pin, a trailer featuring a load bearing frame, and a
hitching mechanism ¹⁸ for attaching said trailer to said generally ^{receiver?}rectangular channel,

- said trailer comprising a generally horizontally disposed frame having a
10 front member, a rear member and a pair of side members, a pair of at least one
horizontally pivotal wheel assemblies mounted to said frame, where said at least
<sup>pivotal about
vertical</sup>one wheel assemblies may be pivoted up to about 360 degrees, and a hitching
mechanism secured to said front member, said hitching mechanism comprising a
^{Already claimed}first generally rectangular channel member fixed to said front member, and a
15 generally rectangular pivotal member mounted at a first end thereof for pivotal
movement in a vertical plane relative to said ^{channel}channel, with a second free end
for telescopically engaging said generally rectangular member on said towing
vehicle.

2 telescopic arrangements
spec only has one

seems to
engage itself?

2. The combination of Claim 1, wherein said vertically pivotal member includes a continuous body portion having a pair of opposing walls extending therefrom, where said side walls include apertures for receiving a pivot pin for engaging complementary apertures in said fixed channel member.

5 3. The combination of Claim 1, wherein each said wheel assembly comprises a U-shaped housing having a base with a pair of parallel walls extending therefrom, said base being pivotally mounted to said frame and said walls rotatably mount a wheel.

4. The combination of Claim 1, wherein said generally disposed horizontal
10 frame includes plural intermediate frame members to provide rigidity and flooring support to said trailer.

5. The combination of Claim 1, wherein said first generally rectangular member includes a vertically oriented arcuate slot, and said generally rectangular pivotal member is mounted for rotative and vertical movement within said arcuate
15 slot.

~~6. The combination of Claim 1, wherein at least said first generally rectangular member includes a pair of vertically mounted plate members, where said plate members further include arcuate slots to allow limited vertical movement of said hitching mechanism.~~

slot
1st

9. A limited nonarticulating trailer and hitch mechanisms for mounting to a towing vehicle ^{to what} having a generally rectangular or tubular (female) channel for telescopically engaging a complementary rectangular or tubular (male) member on said towing vehicle,

5 said trailer comprising a horizontally disposed load bearing frame consisting of at least a front channel member, a rear channel member and a pair of spaced-apart side channel members extending between said front and rear members, a central channel member extending forward from said rear member to beyond said front member and terminating in a free end and forming part of said
10 hitch mechanism, and at least one swivel wheel assembly mounted along said rear channel member, where said at least one wheel assembly ^{are} is pivotal about at 360 degrees, and

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said hitch mechanism ^{1/2} consisting of said free (female) end having a pair of aligned apertures for receiving a pivot pin, and a generally rectangular pivotal
15 member mounted for pivotal movement in a vertical plane about said pivot pin, said generally rectangular pivotal member featuring a rectangular body portion and a pair of opposing wall portions extending from said body portion, where said opposing wall portions are spaced-apart to slidably and rotatably receive and engage said free end, where the opposite end of said body portion is sized to be
20 slidably engaged with said generally rectangular or tubular (male) channel of said towing vehicle.

